

Historic Orchards in National Parks

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National Park Service Park Cultural Landscapes Program

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What are Cultural Landscapes?



What are Cultural Landscapes?

Any piece of land (large or small) with significance in American history and physical integrity, reflecting the period for which it is significant.





National Mall, Washington, DC





Fort Jefferson, Dry Tortugas National Park, Florida





Adams National Historical Park, Quincy, Massachusetts





Cane River Creole National Historical Park, Natchitoches, Louisiana





Jefferson National Expansion Memorial, St. Louis, Missouri





Bandelier National Monument, New Mexico





Canyon De Chelly National Monument, Arizona





San Antonio Missions National Historical Park, San Antonio, Texas



Historic Orchards in the National Parks

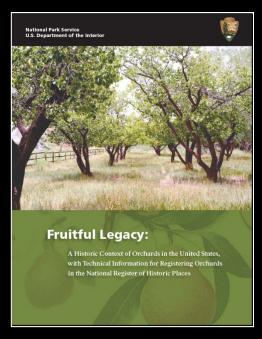


Historic Orchards in the National Parks

- Are found in cultural landscapes
- Approx. 125 of 401 national parks have old fruit trees
- Today: an introduction to some orchards in parks

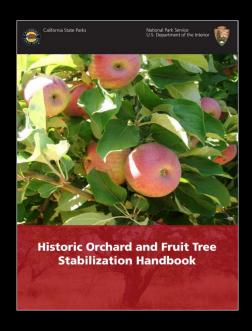


Orchard History



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Orchard Stabilization



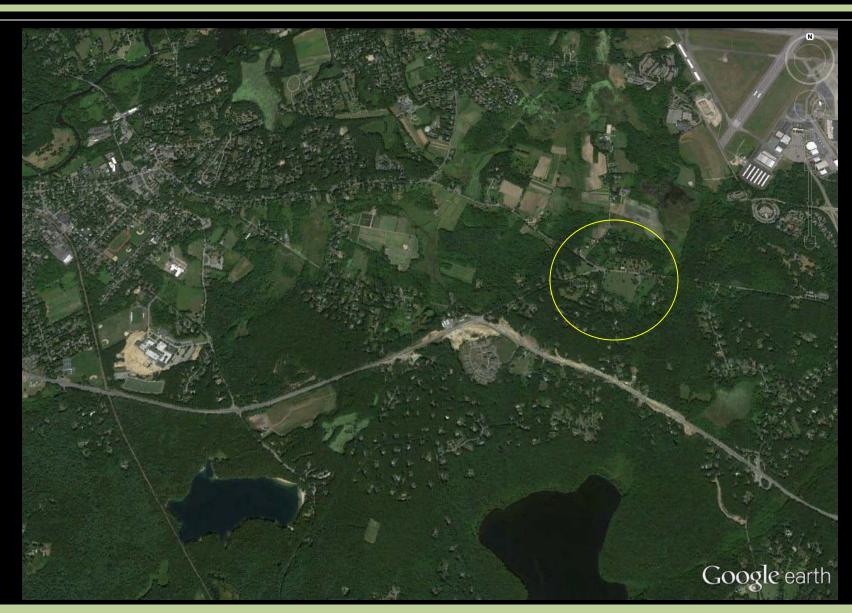
https://irma.nps.gov/App/Reference/Profile/2191277

susan_dolan@nps.gov









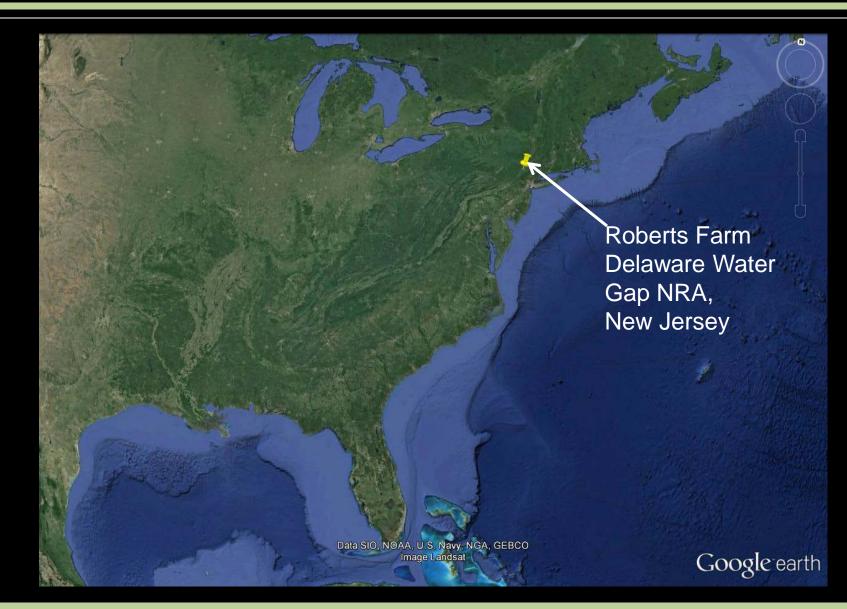
Orchard area within Minute Man National Historical Park, MA



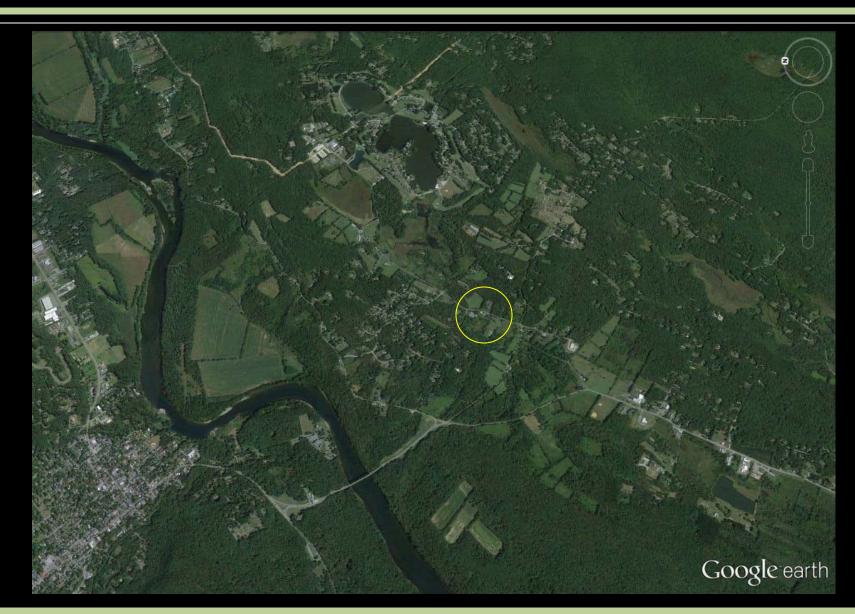


250-Year Old Seedling Apple Trees at Minute Man NHP, MA









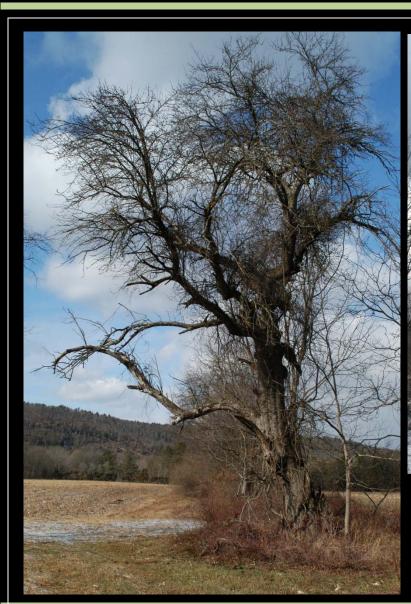
Roberts Farm at Delaware Water Gap NRA, NJ





Orchard Area at Delaware Water Gap NRA, NJ







250-Year Old Seedling Apple Trees at Delaware Water Gap NRA, NJ





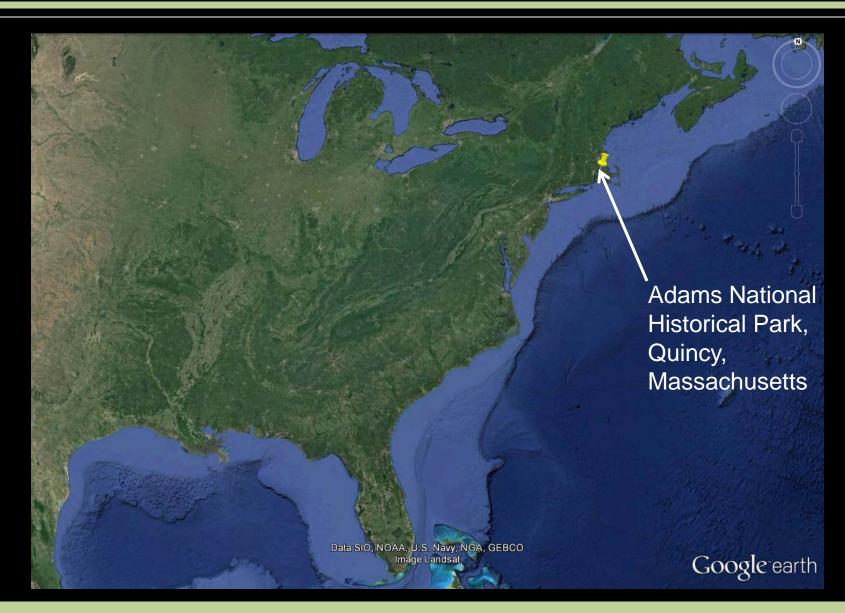
Deadwood Removal on Seedling Apple Trees at Delaware Water Gap NRA, NJ



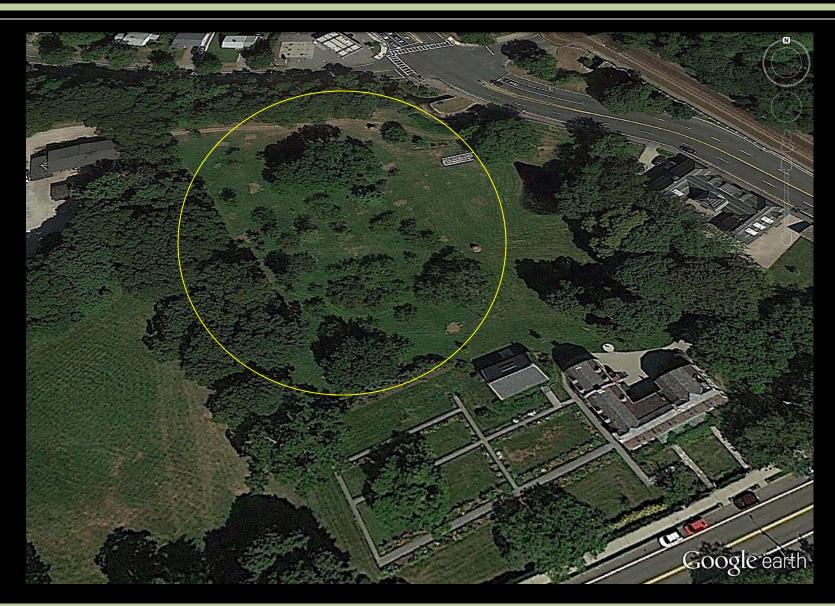


Replacement Clones of 250-Year Old Seedling Apple Trees at Delaware Water Gap NRA









Orchard at Adams National Historical Park, MA





175-Year Old Fruit Trees at Adams NHP, MA







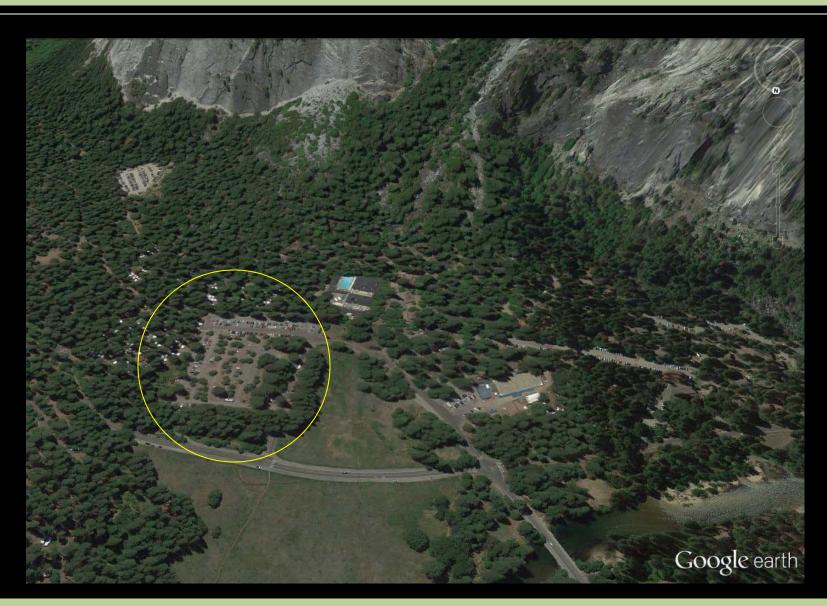






Lamon (Curry) Orchard In Yosemite Valley, Yosemite National Park, CA





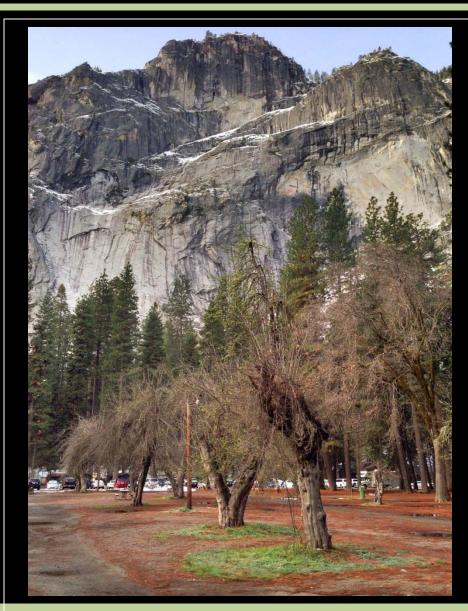
Curry Orchard In Yosemite Valley, Yosemite National Park, CA

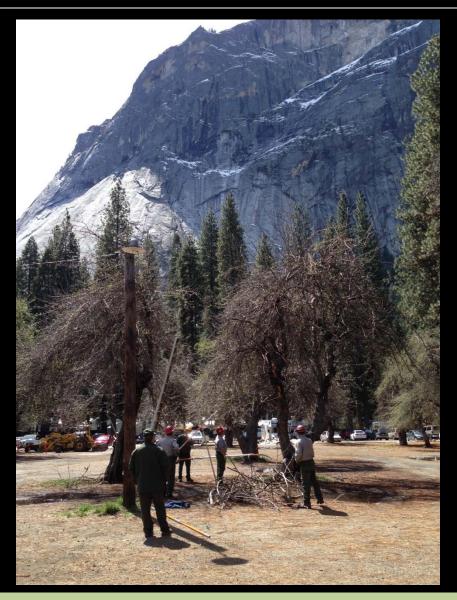




165-Year Old Curry Orchard in Yosemite Valley, Yosemite National Park, CA







165-Year Old Curry Orchard in Yosemite Valley, Yosemite National Park, CA











North Manitou Island in Sleeping Bear Dunes National Lakeshore, MI





Frank Farm, North Manitou Island, Sleeping Bear National Lakeshore, MI





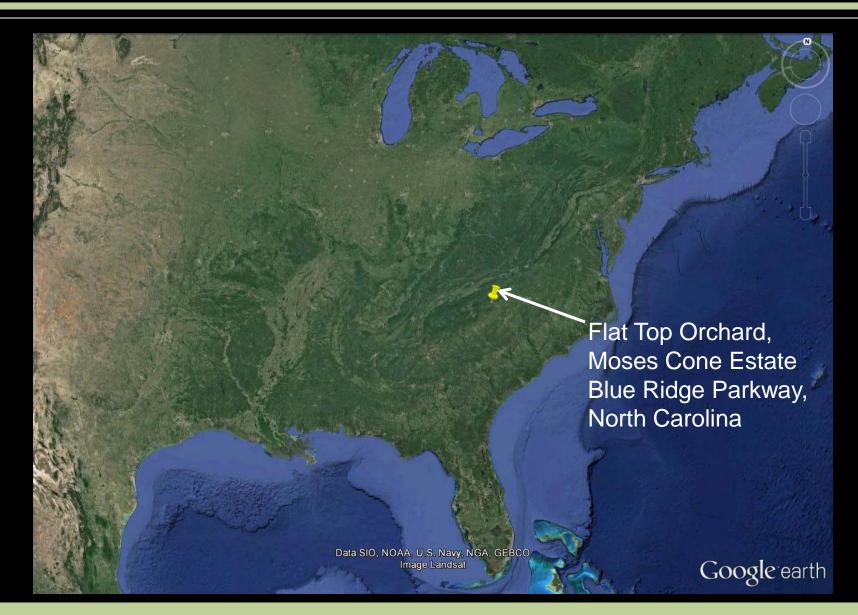
125-Year Old Apple Trees at Frank Farm, North Manitou Island, MI



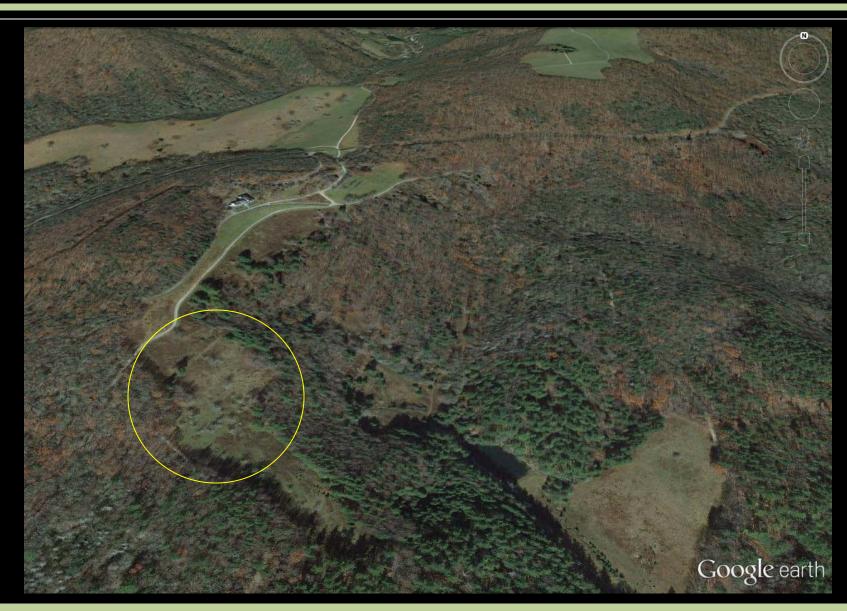


125-Year Old Apple Trees at Frank Farm, North Manitou Island, MI









Flat Top Orchard at Moses Cone Estate, Blue Ridge Parkway, NC





115 - Year Old Flat Top Orchard at Moses Cone Estate, Blue Ridge Parkway, NC





115 - Year Old Flat Top Orchard at Moses Cone Estate, Blue Ridge Parkway, NC



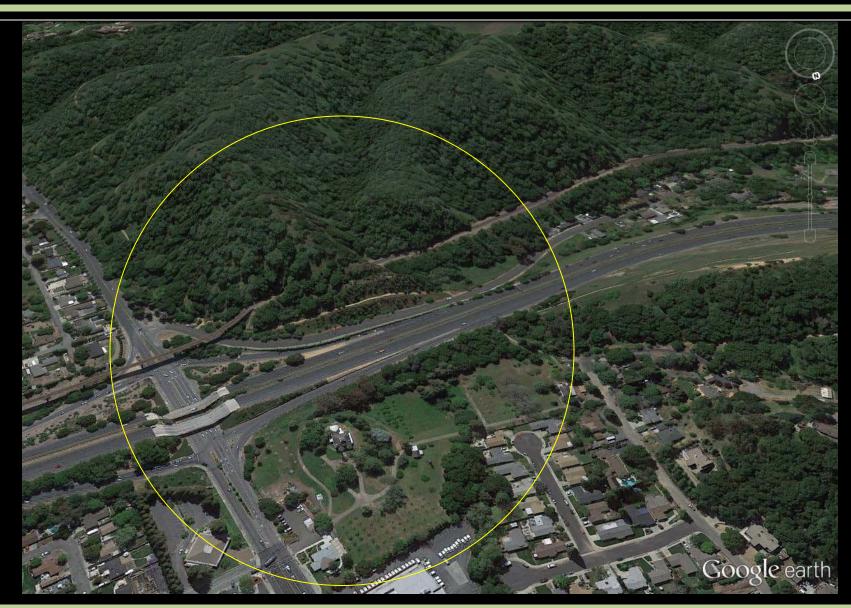


115 - Year Old Flat Top Orchard at Moses Cone Estate, Blue Ridge Parkway, NC









Orchard Areas In John Muir National Historic Site, Martinez, CA





Peach, Plum, Apricot and Pear Orchards at John Muir NHS, CA





Recently Replanted Peach Orchard at John Muir NHS, CA





130-Year Old Olive Trees on Mt. Wanda, John Muir NHS, CA





130-Year Old Pear Trees at Muir Gravesite, John Muir NHS, CA





130-Year Old Pear Trees at Muir Gravesite, John Muir NHS, CA







Planting Replacement Clones in Muir Pear Orchard, John Muir NHS, CA









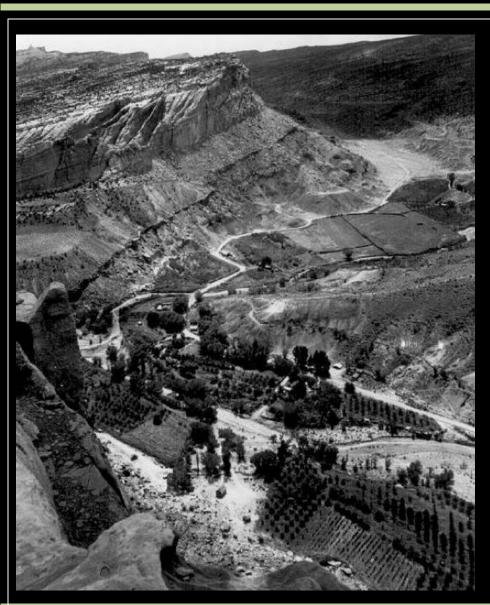
Fruita Historic District in Capitol Reef National Park, UT





Fruita Historic District in Capitol Reef National Park, UT







Fruita Historic District in Capitol Reef National Park, UT





90-Year Old Apricot and Apple Orchards, Fruita Historic District in Capitol Reef NP



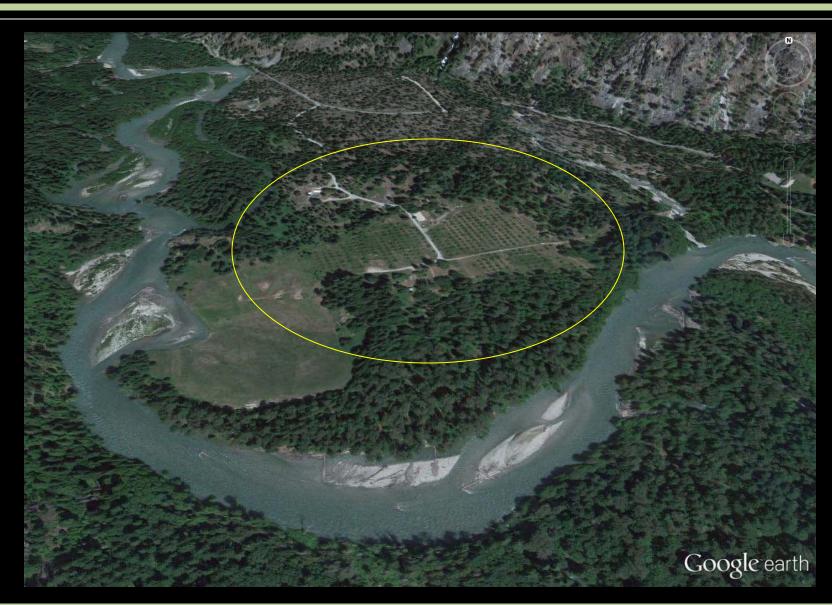


90-Year Old Apple Orchards, Fruita Historic District in Capitol Reef NP



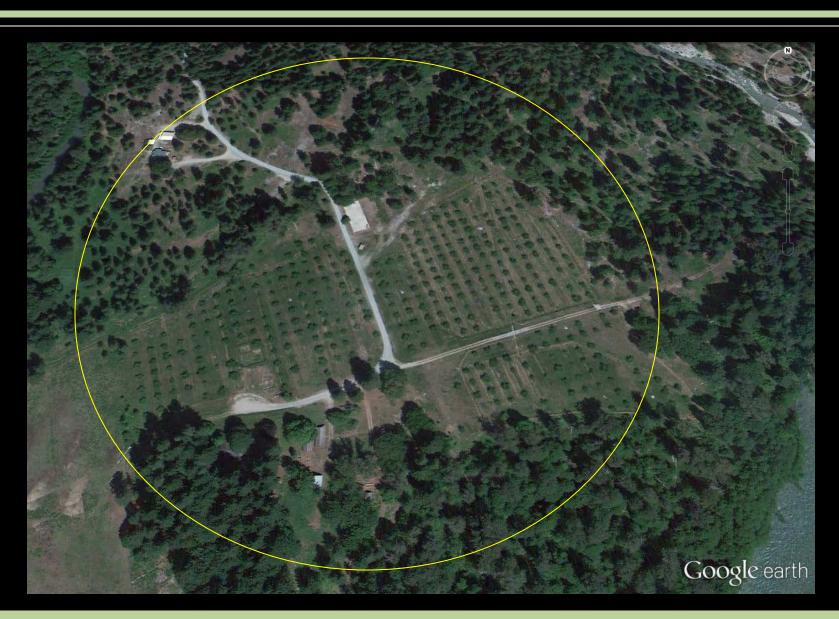






Buckner Orchard, Stehekin, North Cascades National Park, WA





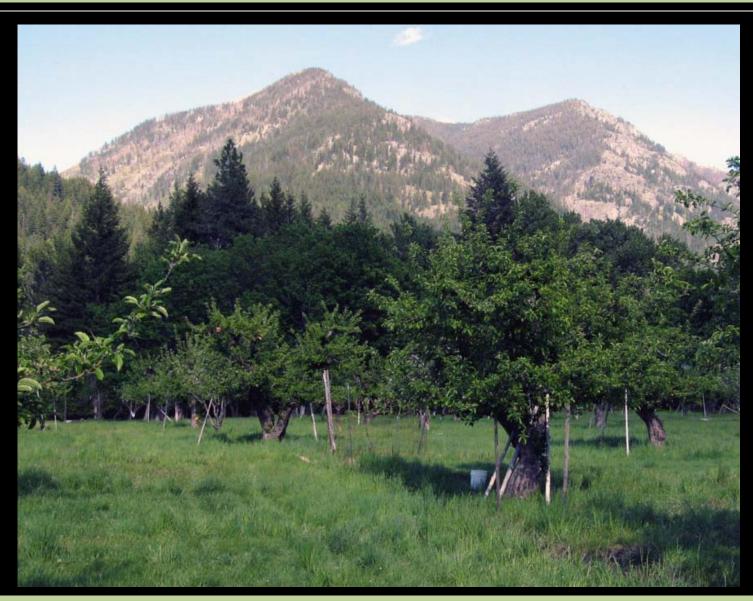
Buckner Orchard, Stehekin, North Cascades National Park, WA





85-Year Old Buckner Orchard in North Cascades NP, WA





85-Year Old Buckner Orchard, Stehekin, North Cascades National Park, WA





85-Year Old Buckner Orchard, Stehekin, North Cascades National Park, WA





85-Year Old Buckner Orchard, Stehekin, North Cascades National Park, WA





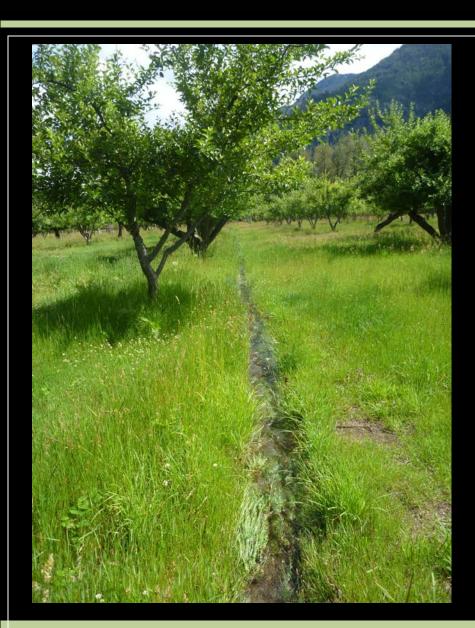
85-Year Old Buckner Orchard, Stehekin, North Cascades National Park, WA





85-Year Old Buckner Orchard, Stehekin, North Cascades National Park, WA







Buckner Orchard, Stehekin, North Cascades National Park, WA





85-Year Old Buckner Orchard, Stehekin, North Cascades National Park, WA



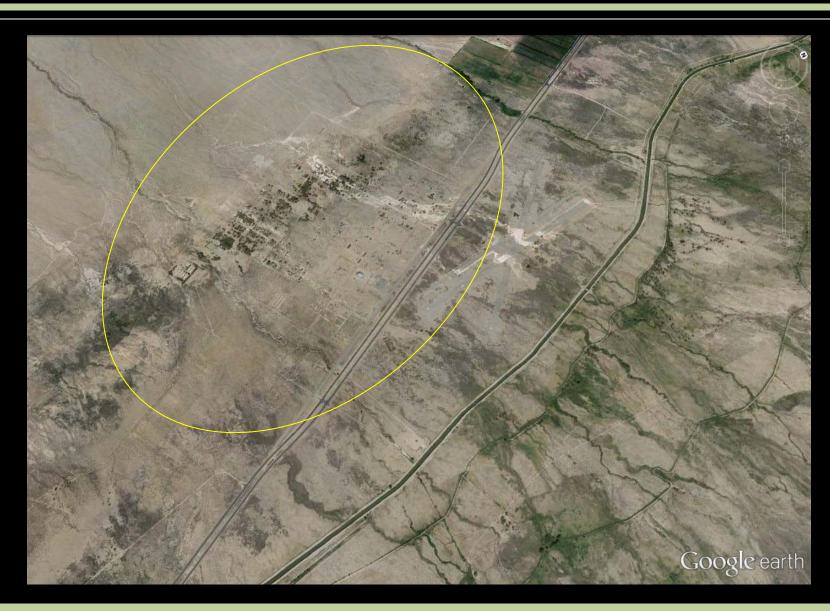






Manzanar National Historic Site, near Independence, Owens Valley, CA





Manzanar National Historic Site, near Independence, Owens Valley, CA





80+ Year Old Orchards, Manzanar NHS, Owens Valley, CA





Manzanar Orchard in the 1930s, Owens Valley, CA





Manzanar War Relocation Center, 1943





Japanese-American Internment Camp was laid out around former orchards 1942 - 45





Interment Camp was "beautified" by internees





Interment Camp was "beautified" by internees





Some orchards still remained from the 1930s







Orchards were pruned and irrigated to produce fruit for the camp



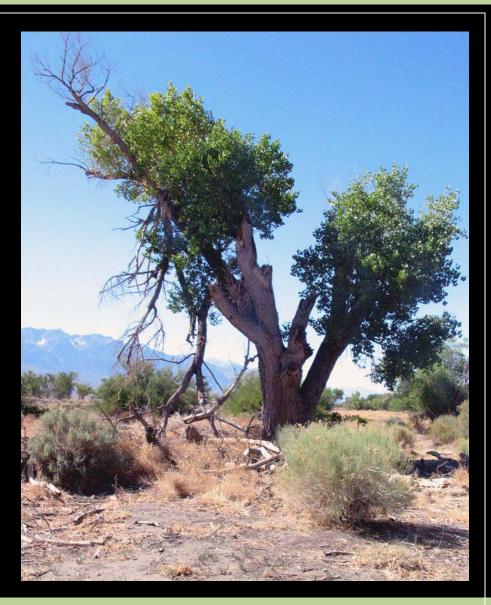


Orchards were valued as sources of food









NPS acquired land in 1997. Surviving orchards were in bad condition





National Park Service arborists at work







Devoted NPS staff have saved the remaining trees





Before and After Stabilization of 90-Year Old Orchards at Manzanar NHS, CA





New Plans for Orchard Restoration at Manzanar National Historic Site

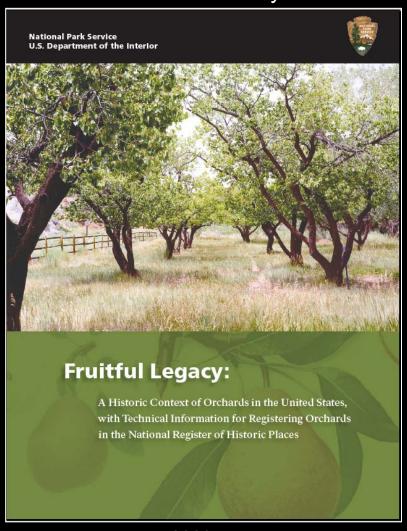


NPS Efforts to Preserve Historic Orchards

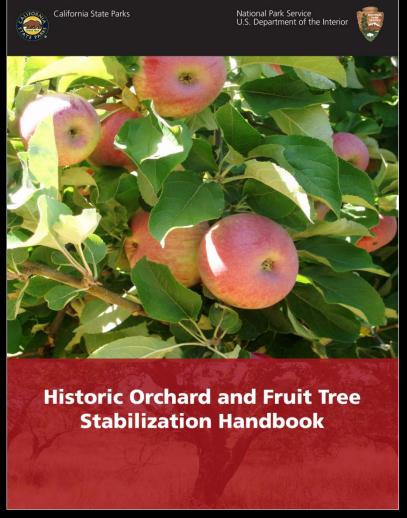
- Inventory and document NPS historic orchards
- Provide guidance on orchard history and listing orchards in the National Register of Historic Places
- Provide guidance on stabilizing historic orchards
- Provide guidance on the treatment of historic orchards



Orchard History



Orchard Stabilization



2009 2014